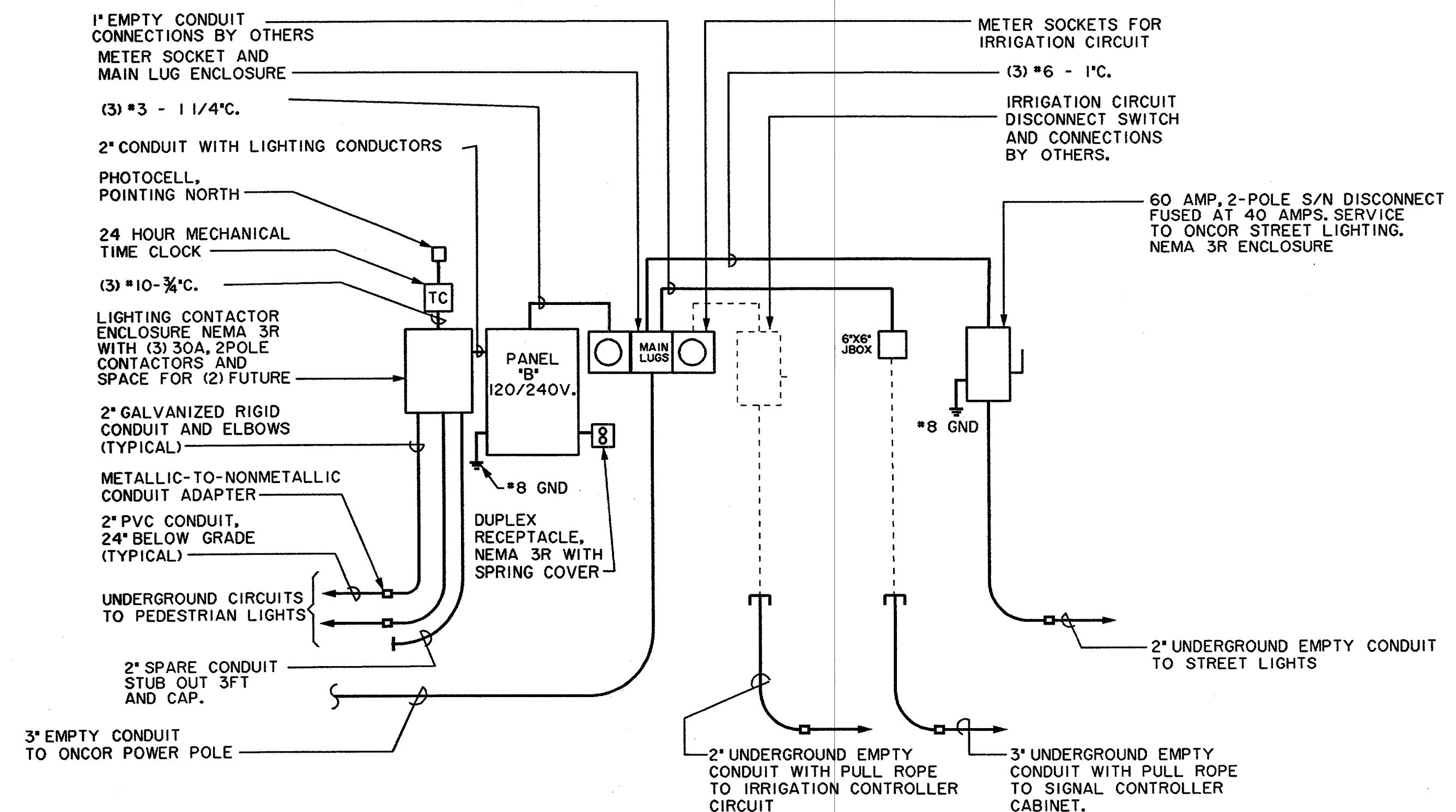


**1 POWER RISER DIAGRAM - SERVICE POINT #1**  
55 SCALE: NONE

- NOTE:**
1. PROVIDE ALL INSTALLATION HARDWARE INCLUDING STEEL ENCLOSURE FOR SECURE INSTALLATION (DET. 3/55).
  2. TERMINAL BLOCK ENCLOSURE TO HAVE SPACE FOR MIN. OF (4) CIRCUITS FOR FUTURE EXPANSION.
  3. EXACT LOCATION OF PANEL TO BE DETERMINED AT PROJECT SITE.
  4. SERIES RATING FOR CIRCUIT BREAKERS SHALL BE 65K AIC.
  5. ENTIRE INSTALLATION TO BE RATED FOR NEMA 3R OUTDOOR INSTALLATION. PANEL AND SWITCH SHALL HAVE PROVISIONS FOR LOCKING.
  6. EXACT LOCATIONS OF EQUIPMENT SHALL BE DETERMINED AT THE PROJECT SITE. COORDINATE LOCATIONS WITH ONCOR ELECTRIC UTILITY AND OWNER.
  7. PROGRAM LIGHTS "ON" BY PHOTO CELL AND "OFF" BY TIME CLOCK.



**2 POWER RISER DIAGRAM - SERVICE POINT #2**  
55 SCALE: NONE

GENERAL NOTES	
NUMBER	DESCRIPTION
1.	THE TERM "PROVIDE" SHALL MEAN FOR THE CONTRACTOR TO FURNISH AND INSTALL A COMPLETE OPERATING SYSTEM.
2.	LOCATIONS OF ALL LIGHT FIXTURES, PULL BOXES AND ROUTING OF CONDUITS SHALL BE IDENTIFIED ON THE SITE BY STAKES AND PAINT PRIOR TO ANY EXCAVATION. REQUIREMENTS FOR CONDUIT ROUTING ARE PROVIDED ON DRAWINGS AND SPECIFICATIONS. OWNER WILL REVIEW AT THE SITE AND PROVIDE DIRECTIONS ON FIELD ADJUSTMENTS OF UP TO 10 FEET FROM LOCATIONS SHOWN ON THE DRAWINGS.
3.	CONTRACTOR SHALL COORDINATE STORM WATER, WASTEWATER, WATER, IRRIGATION AND ELECTRICAL CONDUIT TRENCHING AND INSTALLATION TO MINIMIZE THE DISTURBANCE OF EXISTING TREE ROOTS.
4.	ALL IN-GROUND PULL BOXES ARE 12"x18"x12" DEEP CONCRETE WITH BOLT ON COVERS.

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	PULL BOX, (12"Wx12"Dx18"L)
A-1,3	CIRCUIT NUMBERS FROM PANELS AT SERVICE POINTS.
	ELECTRIC SERVICE POINT WITH UTILITY METERS, DISCONNECT SWITCHES, PANELBOARD & LIGHTING CONTROLS.
	PEDESTRIAN LIGHT FIXTURE TYPE "A".
	STREET LIGHT FIXTURE TYPE "B".

CIRCUIT SCHEDULE - PANEL "A"			
PANELBOARD	CIRCUIT BREAKER	CIRCUIT NUMBERS	LOAD SERVED
120/240 VOLT IPH, 3WIRE WITH GROUND 100 AMP MCB	40A/2P 40A/2P 40A/2P	A-1,3 A-5,7 A-9,11	PEDESTRIAN LIGHTS "A" (EAST) PEDESTRIAN LIGHTS "A" (WEST) SPARES
	20A/1P 20A/1P SPACES	A-2 A-4,6 A-8,10,12	DUPLEX RECEPTACLE SPARES

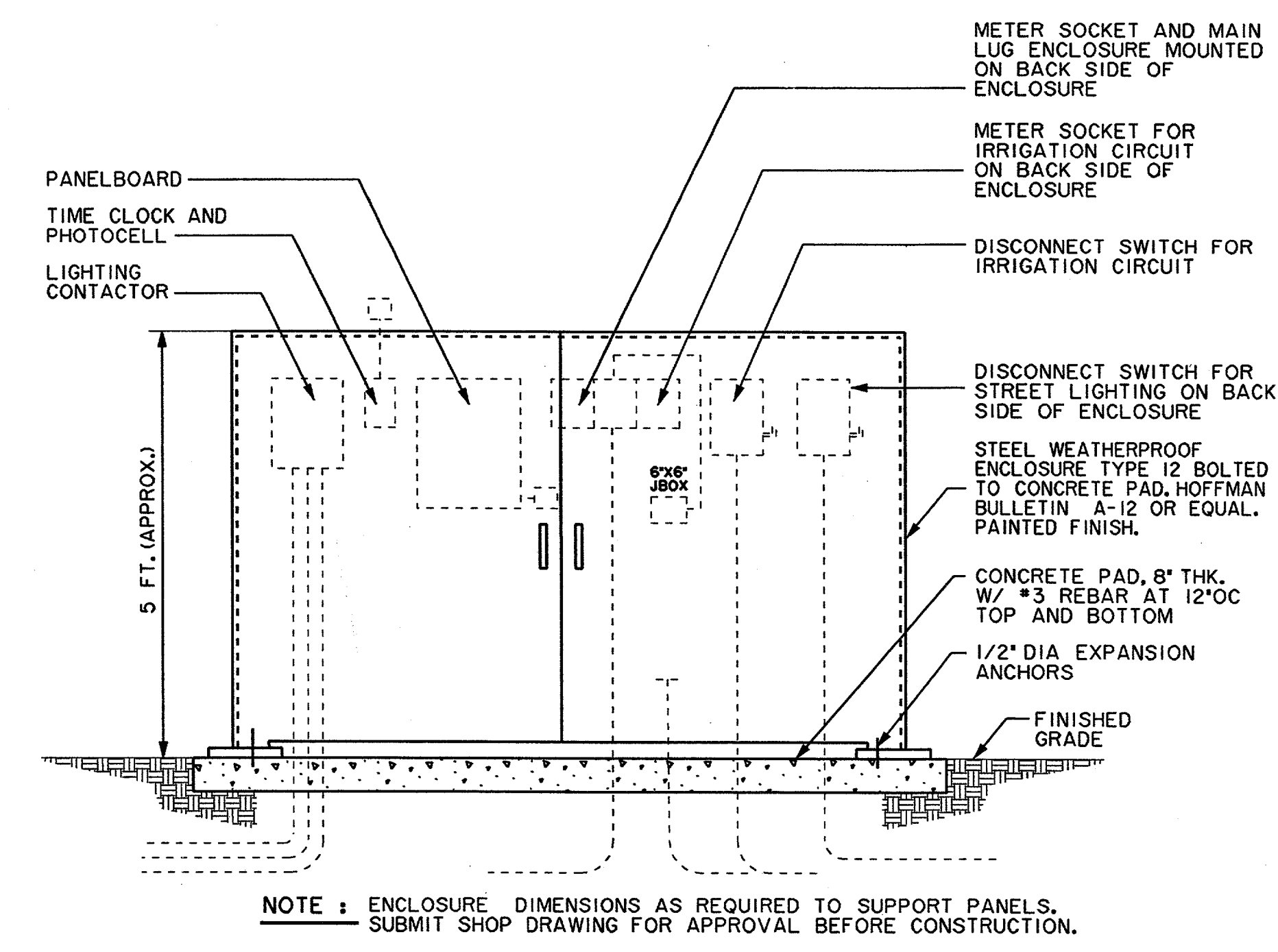
NOTES TO CIRCUIT SCHEDULE:  
1. PROVIDE A #8 EQUIPMENT GROUND CONDUCTOR IN ALL CONDUIT RUNS.  
2. MAINTAIN CONDUCTOR SIZE SCHEDULED THROUGHOUT ENTIRE CIRCUIT.

CIRCUIT SCHEDULE - PANEL "B"			
PANELBOARD	CIRCUIT BREAKER	CIRCUIT NUMBERS	LOAD SERVED
120/240 VOLT IPH, 3WIRE WITH GROUND 100 AMP MCB	30A/2P 30A/2P 30A/2P	B-1,3 B-5,7 B-9,11	PEDESTRIAN LIGHTS "A" (EAST) PEDESTRIAN LIGHTS "A" (WEST) SPARES
	20A/1P 20A/1P SPACES	B-2 B-4,6 B-8,10,12	DUPLEX RECEPTACLE SPARES

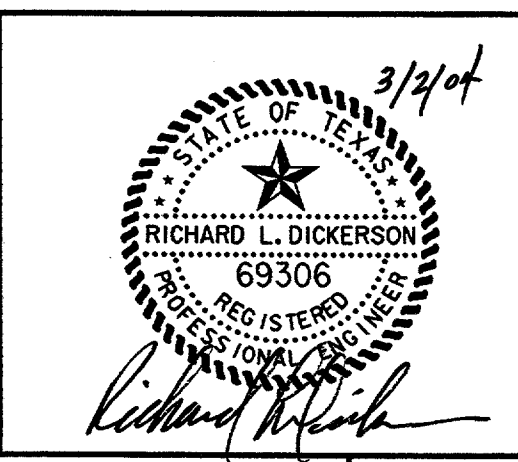
NOTES TO CIRCUIT SCHEDULE:  
1. PROVIDE A #8 EQUIPMENT GROUND CONDUCTOR IN ALL CONDUIT RUNS.  
2. MAINTAIN CONDUCTOR SIZE SCHEDULED THROUGHOUT ENTIRE CIRCUIT.

LIGHT FIXTURE SCHEDULE			
TYPE	DESCRIPTION	LAMP	MANUFACTURER AND CATALOG NO.S
A	CUSTOM STYLE (PEDESTRIAN)	70MHT6	SEE NOTE #2 BELOW.
A-POLE	SEE NOTE #5.		SEE NOTE #2 BELOW.
B	CUSTOM STYLE (STREET)	400MH/70MHT6	SEE NOTE #2 BELOW.
B-POLE	SEE NOTE #5.		SEE NOTE #2 BELOW.

- LIGHTING FIXTURE/POLE NOTES:**
1. PROVIDE REINFORCED CONCRETE BASE, ANCHOR BOLTS AND REQUIRED ACCESSORIES REFER TO DETAILS ON SHEET 13.
  2. REFER TO TOWN OF ADDISON LIGHTING MASTER PLAN SPECIFICATION FOR DESCRIPTION OF PEDESTRIAN AND STREET LIGHTS.
  3. PROVIDE MATCHING BASE COVER FOR EACH FIXTURE, GROUT UNDER ALL POLE BASES.
  4. ALL FIXTURES ARE 240 VOLT. PROVIDE DOUBLE FUSING IN EACH POLE
  5. FUSE EACH INDIVIDUAL LIGHT FIXTURES/POLE ASSEMBLY.
  6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



**3 SERVICE POINT ENCLOSURE**  
55 SCALE: NONE



DATE	DESCRIPTION	REF. NO.
03/02/04	REVISED ALL STREET AND PEDESTRIAN LTG	
11/07/03	ISSUED FOR BID	

BASE BID STREET LIGHT NOTES & DETAILS SPECTRUM DRIVE EXTENSION						
TOWN OF ADDISON, TEXAS						
Hullt - Zellers, Inc. 3131 McKinney Ave., Suite 600, Dallas, TX 75204 Phone (214) 871-3311/Fax (214) 871-0757						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	DEM	NONE	NOV 2003	01-3220-01	55